

SN. 10/701,406

ATTORNEY DOCKET NO. SANA:003

IN THE CLAIMS

*The status of the claims as presently amended is as follows:*

1-2. (Canceled)

3. (Currently Amended) A vehicular under-seat compartment mechanism according to claim 2, vehicle seat comprising:

a seat-frame and a seat-cushion disposed on the seat-frame;  
an under-seat compartment mechanism comprising:  
a hinge mechanism pivotally interconnecting the seat-frame and the seat-cushion  
so that the seat-cushion is pivotal with respect to the seat-frame;  
a compartment under the seat having an opening; and  
a lock mechanism, integrated with the hinge mechanism, for locking the seat-  
cushion at an upright position, at which the seat-cushion is pivoted with respect to the  
seat-frame so that said compartment becomes accessible; and  
a release mechanism for releasing the locking of the seat-cushion by the lock  
mechanism,

wherein said release mechanism includes:

an unlocking strap disposed at a rear end of the seat-cushion, and  
a wire linking between said unlocking strap and said lock mechanism in  
such a manner that when said unlocking strap is operated by an user, the locking  
of the seat-cushion by said lock mechanism is released.

4. (Currently Amended) A vehicular under-seat compartment mechanismvehicle seat according  
to claim 3, wherein said lock mechanism includes;

a cam[[,]] fixed on the seat-frame, said cam having a first slot and a second slot, and  
a lock member, disposed to the seat-cushion, for selectively engaging with one of said  
first and second slots so that when said lock member engages with said second slot, the seat-  
cushion is locked in the upright position and so that when said lock member engages with said

SN. 10/701,406

ATTORNEY DOCKET No. SANA:003

first slot, the seat-cushion is locked in a horizontal position at which the seat-cushion lays on the seat-frame horizontally.

5. (Currently Amended) A ~~vehicular under-seat compartment mechanism~~vehicle seat according to claim 4, further comprising an inner lid, disposed between the seat-cushion and said compartment, for covering the opening of said compartment.

6. (Currently Amended) A ~~vehicular under-seat compartment mechanism~~vehicle seat according to claim 5, further comprising:

a seat-hook attached at ~~the~~a back face of the seat-cushion, and  
an inner lid strap attached to said inner lid to be hooked on said seat-hook.

7. (Currently Amended) A ~~vehicular under-seat compartment mechanism~~vehicle seat according to claim 6, further comprising an extra wall upwardly projected from an edge of the opening of said compartment along with the edge of the opening.

8. (Currently Amended) A ~~vehicular under-seat compartment mechanism~~vehicle seat according to claim 7, further comprising one or more netting hooks, disposed around the opening of said compartment, for engaging a net so as to keep an object in said compartment.

9. (Currently Amended) A ~~vehicular under-seat compartment mechanism~~ according to claim 1,vehicle seat comprising:

a seat-frame and a seat-cushion disposed on the seat-frame;  
an under-seat compartment mechanism comprising:  
a hinge mechanism pivotally interconnecting the seat-frame and the seat-cushion  
so that the seat-cushion is pivotal with respect to the seat-frame;  
a compartment under the seat having an opening; and

SN. 10/701,406

ATTORNEY DOCKET NO. SANA:003

a lock mechanism, integrated with the hinge mechanism, for locking the seat-cushion at an upright position, at which the seat-cushion is pivoted with respect to the seat-frame so that said compartment becomes accessible,

wherein said lock mechanism includes:

a cam[[,]] fixed on the seat-frame, said cam having a first slot and a second slot, and

a lock member, disposed to the seat-cushion, for selectively engaging with one of said first and second slots so that when said lock member engages with said second slot, the seat-cushion is locked in the upright position and so that when said lock member engages with said first slot, the seat-cushion is locked in a horizontal position at which the seat-cushion lays on the seat-frame horizontally.

10. (Currently Amended) A ~~vehicular under-seat compartment mechanism~~vehicle seat according to claim 4, further comprising:

a seat-hook attached at ~~the~~ back face of the seat-cushion, and  
an inner lid strap attached to said inner lid to be hooked on said seat-hook.

11. (Currently Amended) A ~~vehicular under-seat compartment mechanism~~vehicle seat according to claim 10, further comprising an extra wall upwardly projected from an edge of the opening of said compartment along with the edge of the opening.

12. (Currently Amended) A ~~vehicular under-seat compartment mechanism~~vehicle seat according to claim [[1]]3, further comprising:

a seat-hook attached at the back face of the seat-cushion, and  
an inner lid strap attached to said inner lid to be hooked on said seat-hook.

13. (Canceled)

SN. 10701,406

ATTORNEY DOCKET NO. SANA:003

14. (Currently Amended) A ~~vehicular under-seat compartment mechanism~~ according to claim 13, further ~~vehicle seat~~ comprising:

a seat-frame and a seat-cushion disposed on the seat-frame;

an under-seat compartment mechanism comprising:

a hinge mechanism pivotally interconnecting the seat-frame and the seat-cushion so that the seat-cushion is pivotal with respect to the seat-frame;

a compartment under the seat having an opening;

a lock mechanism, integrated with the hinge mechanism, for locking the seat-cushion at an upright position, at which the seat-cushion is pivoted with respect to the seat-frame so that said compartment becomes accessible;

an inner lid, disposed between the seat-cushion and said compartment, for covering the opening of said compartment;

a seat-hook attached at the back face of the seat-cushion[[],]; and

an inner lid strap attached to said inner lid to be hooked on said seat-hook.

15. (Currently Amended) A ~~vehicular under-seat compartment mechanism~~~~vehicle seat~~ according to claim 14, further comprising an extra wall upwardly projected from an edge of the opening of said compartment along with the edge of the opening.

16. (Currently Amended) A ~~vehicular under-seat compartment mechanism~~~~vehicle seat~~ according to claim 15, further comprising one or more netting hooks, disposed around the opening of said compartment, for engaging a net so as to keep an object in said compartment.

17. (Canceled)

18. (Currently Amended) A ~~vehicular under-seat compartment mechanism~~ according to claim 17, further ~~vehicle seat~~ comprising:

a seat-frame and a seat-cushion disposed on the seat-frame;

SN. 10/701,406

ATTORNEY DOCKET No. SANA:003

an under-seat compartment mechanism comprising:

a hinge mechanism pivotally interconnecting the seat-frame and the seat-cushion  
so that the seat-cushion is pivotal with respect to the seat-frame;

a compartment under the seat having an opening;

a lock mechanism, integrated with the hinge mechanism, for locking the seat-  
cushion at an upright position, at which the seat-cushion is pivoted with respect to the  
seat-frame so that said compartment becomes accessible;

an extra wall upwardly projected from an edge of the opening of said  
compartment along with the edge of the opening; and

one or more netting hooks, disposed around the opening of said compartment, for  
engaging a net so as to keep an object in said compartment.